

## **LISTING OF CLAIMS**

The following is a copy of Applicant's claims that identifies language being added with underlining ("\_\_\_\_") and language being deleted with strikethrough ("—"), as is applicable:

1. (Currently Amended) A wiper apparatus comprising:  
a wiper having a leading contact surface and a trailing contact surface, the leading contact surface leads the trailing contact surface in a direction of wipe during wiping; ~~and~~  
a capillary passageway in the wiper sized to allow capillary flow of a liquid along the capillary passageway by capillary forces;  
a second wiper oriented substantially parallel to the wiper, the second wiper having a second leading contact surface and a second trailing contact surface;  
and  
a second capillary passageway in the second wiper sized to allow capillary flow of a liquid along the second capillary passageway by capillary forces, wherein:  
the wiper and second wiper are positioned relative to a nozzle plate of a printhead such that, during wiping, a first tip of the wiper and a third tip of the second wiper come into contact with a first nozzle array of the printhead, a second tip of the wiper and a fourth tip of the second wiper come into contact with a second nozzle array of the printhead, and the capillary passageway of the wiper and the second capillary passageway of the second wiper pass between the first nozzle array and the second nozzle array during wiping.

2. (Original) The wiper apparatus of claim 1 wherein the capillary passageway has a length and a width, the length extending at least partially between the leading contact surface and the trailing contact surface and is greater than the width.

3. (Original) The wiper apparatus of claim 2 wherein the length of the capillary passageway is at least four times greater than the width of the capillary passageway.

4. (Original) The wiper apparatus of claim 1 wherein the capillary passageway has a width that is about 0.5 millimeters or less.

5. (Original) The wiper apparatus of claim 1 wherein the capillary passageway intersects at least one of the leading contact surface and the trailing contact surface.

6. (Original) The wiper apparatus of claim 1 wherein the capillary passageway intersects the leading contact surface and the trailing contact surface.

7. (Original) The wiper apparatus of claim 1 wherein the capillary passageway has a constant width.

8. (Currently Amended) The wiper apparatus of claim 1 wherein the length of the capillary passageway is oriented along an axis that is substantially ~~parallel~~ perpendicular to the direction of wipe.

9. (Currently Amended) A printer device comprising:

a printhead having a nozzle plate;

a wiper apparatus comprising:

a wiper oriented to wipe the nozzle plate of the printhead, the wiper having a leading contact surface and a trailing contact surface, the leading contact surface leads the trailing contact surface in a direction of wipe during wiping; and

a capillary passageway formed in the wiper, sized to allow capillary flow of a liquid along the capillary passageway by capillary forces;

a second wiper oriented substantially parallel to the wiper, the second wiper having a second leading contact surface and a second trailing contact surface; and

the second wiper having a second capillary passageway formed in the second wiper and having a second length that extends at least partially between the second leading contact surface and the second trailing contact surface, and a second width that is less than the second length, wherein:

the printhead contains a first ink and a second ink, the second ink having a different composition than the first ink;

the nozzle plate has a first nozzle array to dispense the first ink and a second nozzle array to dispense the second ink; and

the wiper and second wiper are positioned relative to the nozzle plate of the printhead such that, during wiping, a first tip of the wiper and a third tip of the second wiper come into contact with the first nozzle array, a second tip of the wiper and a fourth tip of the second wiper come into contact with the second nozzle array, and the capillary passageway of the wiper and the second capillary passageway of the second wiper pass between the first nozzle array and the second nozzle array during wiping.

10. (Original) The printer device of claim 9 wherein the capillary passageway has a length and a width, the length extending at least partially between the leading contact surface and the trailing contact surface and is greater than the width.

11. (Original) The printer device of claim 10 wherein the length of the capillary passageway is at least four times greater than the width of the capillary passageway.

12. (Original) The printer device of claim 9 wherein the capillary passageway has a width that is about 0.5 millimeters or less.

13. (Original) The printer device of claim 9 wherein the capillary passageway intersects at least one of the leading contact surface and the trailing contact surface.

14. (Original) The printer device of claim 9 wherein the capillary passageway intersects the leading contact surface and the trailing contact surface.

15. (Original) The wiper apparatus of claim 9 wherein the capillary passageway has a constant width.

16. (Currently Amended) The printer device of claim 9 wherein the length of the capillary passageway is oriented along an axis that is substantially ~~parallel~~ perpendicular to the direction of wipe.

17-20. (Canceled)

21. (Currently Amended) A printer device comprising:  
a printhead that dispenses a first ink and a second ink through a nozzle plate, the second ink having a different composition than the first ink;  
a wiper for wiping the nozzle plate of the printhead; and  
a means for substantially preventing mixing of the first ink and the second ink on the nozzle plate during wiping by the wiper, wherein during wiping, the means for substantially preventing mixing passing between the first nozzle array and the second nozzle array during wiping;  
a second wiper for wiping the nozzle plate of the printhead, the second wiper oriented substantially parallel to the wiper; and  
a second means for substantially preventing mixing of the first ink and the second ink on the nozzle plate during wiping by the second wiper, the second means for substantially preventing mixing passing between the first nozzle array and the second nozzle array during wiping, wherein:  
a portion of the wiper and a portion of the second wiper come into contact with a first nozzle array of the printhead and a second portion of the wiper and a second portion of the second wiper come into contact with a second nozzle array of the printhead.

22. (Original) The printer device of claim 21 wherein the means for substantially preventing mixing of the first ink and the second ink on the nozzle plate draws the first ink and the second ink away from the nozzle plate.

23. (Original) The printer device of claim 22 wherein the means for substantially preventing mixing of the first ink and the second ink on the nozzle plate is a capillary passageway on the wiper.

24. (Original) The printer device of claim 21 wherein:

the nozzle plate has a first nozzle array to dispense the first ink and a second nozzle array to dispense the second ink;

the means for substantially preventing mixing of the first ink and the second ink on the nozzle plate during wiping causes capillary flow of the first ink and the second ink between the first nozzle array and the second nozzle array.

25. (Currently Amended) A method for cleaning a printhead comprising:

placing a wiper in contact with the printhead having a nozzle plate that dispenses a first ink and a second ink, the second ink having a different composition than the first ink;

moving the wiper relative to the nozzle plate in a first direction of wipe,  
wherein a first tip of the wiper is moved across a first nozzle array of the nozzle plate and a second tip of the wiper is moved across a second nozzle array of the nozzle plate; and

drawing, by capillary action, the first ink and the second ink into a capillary passageway of the wiper;

moving the capillary passageway along the nozzle plate between the first nozzle array and the second nozzle array;

placing a second wiper in contact with the printhead having the nozzle plate that dispenses the first ink and the second ink, the second wiper oriented substantially parallel to the wiper;

moving the second wiper relative to the nozzle plate in the first direction of wipe, wherein a third tip of the second wiper is moved across a first nozzle array of the nozzle plate and a fourth tip of the second wiper is moved across a second nozzle array of the nozzle plate;

drawing, by capillary action, the first ink and the second ink into a second capillary passageway of the second wiper; and

moving the second capillary passageway along the nozzle plate between the first nozzle array and the second nozzle array.

26. (Canceled)

27. (Original) The method of claim 26 further comprising:  
moving the wiper relative to the nozzle plate in a second direction of wipe,  
that is opposite the first direction of wipe.

28-58. (Canceled)